

CLAIMS

✓ 1. A method of detection of an early-stage renal disease, comprising determining the concentration of human lipocalin-type prostaglandin D synthase in a body fluid sample taken from a subject and comparing the determined concentration with a reference value set by determining the concentrations of human lipocalin-type prostaglandin D synthase in body fluid samples taken from healthy subjects.

✓ 2. A method of disease state management for a renal disease, comprising determining the concentration of human lipocalin-type prostaglandin D synthase in a body fluid sample taken from a subject and evaluating the glomerular filtration ability of the subject from the determined concentration.

3. ~~The method of claim 1 or 2, wherein the determination of the concentration of human lipocalin-type prostaglandin D synthase in a body fluid sample is performed by an immunological assay method.~~

4. The method of any one of claims 1 to 3, wherein the renal disease is accompanied with glomerular lesions.

5. The method of any one of claims 1 to 3, wherein the renal diseases are associated with hypertensiton or

lipid metabolic disorder.

~~6. The method of any one of claims 1 to 3, wherein the renal disease is nephropathy.~~

~~7. The method of any one of claims 1 to 3, wherein the renal disease is glomerulonephritis, nephrotic syndrome, diabetic nephropathy, nephrosclerosis, polycystic kidney or renal failure.~~

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Inv A3

add B6

add C1